

## Historical Floods: Susquehanna River at Sunbury, Pennsylvania

Latitude: 40.834

Period of Record: 1936-Present

Longitude: -76.827

Flood Stage: 24 ft

Last Flood: 9/8/2011

Number of Floods: 14

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
3/19/1936	26.85	556,000	Moderate	C1 G1
6/24/1972	35.80	620,000	Major	F2
9/27/1975	30.62	439,000	Moderate	F2
3/7/1979	27.52	347,000	Moderate	F2
2/16/1984	26.96	332,000	Moderate	F2
3/16/1986	24.90	281,000	Minor	F2
4/2/1993	27.00	333,000	Moderate	F2
1/20/1996	30.32	424,000	Moderate	F2
9/19/2004	30.44	427,000	Moderate	F2
4/4/2005	26.15	312,000	Moderate	F2
6/28/2006	26.89	330,000	Moderate	F2
3/12/2011	26.01	308,000	Moderate	F2
4/29/2011	25.57	297,000	Minor	F2
9/8/2011	31.66	463,000	Moderate	F2

Drainage Area: 18300 sq mi

Gage Datum: 408.61 ft MSL

Lower Main Stem Susquehanna Basin

County of Gage: Snyder

County of Forecast Point: Northumberland

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-9999 signifies missing data

### MARFC Codes

Code	Description
C1	Crest information looks unreliable and incomplete and not used in frequency calculations. Some of the floods are based on current flood stage and nearby gage information.
C2	Crest information looks reliable despite potential problems. This data was used in frequency calculations.
C3	Crest height estimated by the USGS.
C4	Crest height is from the National Weather Service.
C5	Crest height affected by backwater.
C6	Crest occurred at a previous flood stage that is lower than the current flood stage. The crests below the new flood stage are not used in flood frequency calculations.
C7	Crest from USGS yearly peak and/or date is different than the crest we provide. In many cases MARFC uses crest based on backwater or ice effects. Crest month or day of occurrence has been estimated by The Middle Atlantic River Forecast Center usually based on nearby gage information.
C8	Crest date (day) in the month is unknown.
C9	Flow is an estimate.
F1	Flow affected by regulation or diversion and in some cases to an unknown degree.
F2	Flow effected by snow-melt, ice jam or debris jam break up.
F3	Flow affected by dam failure.
F4	Flow - All or part of the record affected by urbanization, mining, agricultural changes, channelization or other factors.
F5	Gage height at a different site and/or datum.
G1	Gage is not an official USGS gage with crests provided by the NWS. Crest information looks unreliable and incomplete and not used in flood frequency calculations.
G2	Gage datum changed during this year.

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